

SAFETY DATA SHEET

A.W.F. ANCHOR/MINI SET ACTIVATOR

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Anchor/Mini Set Activator
Supplier	A.W.F. SMS Ltd
Address	Unit I D Brymau 3 Estate River Lane Saltney Chester, CH4 8RQ
Phone Number	01244 - 677833
Fax Number	01244 - 677844

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:	Cas Number	Percentage
Dibenzoyl Peroxide	94-36-0	<18%

3. HAZARDS IDENTIFICATION

May cause fire. Irritating to eyes. May cause sensitisation by skin contact. Signs and Symptoms of Exposure (Acute) Skin irritant. Eye irritant could cause pain and Signs and Symptoms of Exposure (Possible Long Term Effects) Skin and eye irritant. Repeated exposure can cause sensitisation.

4. FIRST AID MEASURES

Summon immediate medical assistance after contact with skin, inhalation or ingestion.

Eye: Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

Skin: Remove contaminated clothing, Wash with soap and copious amounts of water. In case of skin eruption seek Medical advice

Ingestion: Do not induce vomiting because of risk of aspiration seek medical advice.

Inhalation: Move to fresh air and rest. Seek medical attention after significant exposure

First Aiders should protect themselves from exposure (Ref to Section 8).

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, Dry powders, CO2 and Foam.

Unsuitable: halones

Exposure Hazards: If involved in a fire will support combustion. In case of fire do not breathe fumes.

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Fire Fighting Equipment: Wear suitable protective clothing. Self contained breathing apparatus if involved in a large fire.

6. ACCIDENTAL RELEASE MEASURES

Scrape up and place in a suitable container. Wash area with water. Do not empty into drains.

Refer to section 5, 8 and 13 for Protective Measures and Disposal.

7. HANDLING AND STORAGE

Handling: When handling, suitable protective clothing should be worn (Refer to Section 8)

Storage: Keep away from heat and sources of ignition.. No sparking tools should be used. Never bring into direct contact with accelerator. Store in a cool dry place. Keep away from reducing agents e.g. amines, acids, alkalis, heavy metals compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits. 5.0 mg/m³

Engineering: Explosion proof ventilation recommended

Ventilation: Not normally required when using small quantities

Respiratory: Not required for normal use

Eye Protection: Goggles if splashes can occur

Skin Protection: Wear suitable gloves

Ingestion: N/A during normal use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White smooth paste	Odour Faint
Viscosity: N/A	Specific Gravity: 1.60 g/cm ³ (20.C)
Boiling Point Do not distil (decomposes)	Boiling Range: N/A
Melting Point: Not Required	Flash Point: Above the SADT (50oC)
Flammability: Will support combustion if involved in a fire	
Auto-Flammability: > 3801C	
Explosive Properties: None	Oxidising Properties: Oxidising
Vapour Pressure: Not determined	Evaporation Rate: N/A
Solubility: Partly miscible in water	pH: Slightly acidic
Partition Coefficient: N/A	Di-Electric Strength: N/A
Additional Information: Active oxygen content 3.27-3.37%	
Peroxid content 49.5-51.0%	

10. STABILITY AND REACTIVITY

Stability: A dangerous self accelerating decomposition reaction and under certain circumstances explosion or fire can be caused by direct contact with incompatible substances or by thermal decomposition.

Incompatibility: Violent reactions may be expected with acid. alkali. heavy metals and reducing agents. Avoid contact with rust. Do not mix with peroxide accelerators.

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Hazardous Decomposition:

Carbon Dioxide, Benzoic Acid, Benzene, Diphenyl, Phenyl Benzoate

Hazardous Polymerisations: None

11. TOXICOLOGICAL INFORMATION

(Based on Dibenzoyl Peroxide 78% in water)

Oral: LD50 rat > 5000 mg/kg

Inhalation: LD50 rat > 24.3 mg/1 4 hours exposure time max.

Eye: Mildly irritating (5 min exposure time)

Skin: Non irritating (4 hour's exposure time)

12. ECOLOGICAL INFORMATION

Based on Dibenzoyl Peroxide

Fish Acute toxicity, 96 h - LC50 = 2.0 mg/l (poecilia reticulata)

Bacteria Activated sludge respiration inhibition test EC50 = 35 mg/l

Readily biodegradable

13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations

Contaminated packaging should be collected for recycling or most probably controlled incineration.

14. TRANSPORT INFORMATION

ADR class 5.2 Item number 8b

UN number 3 108

Proper shipping name Organic peroxide type E

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RID class 5.2 Item number 8b

Trem card Cefic Tee (R) 52G01

Solid (Dibenzoyl peroxide)

15. REGULATORY INFORMATION

Labelling:

Oxidising - Irritant.

Risk phrases

R7 May cause fire.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

Safety phrases

(S2) Keep out of reach of children.

(S3/7/9) Keep container tightly closed in a cool well ventilated area

(S26) In case of contact with eyes rinse immediately with plenty of water and seek medical advice

(S28) After contact with skin, wash immediately with plenty of soap and water

(S14) Keep away from reducing agents e.g. amines, acids, alkalis, heavy metal compounds e.g., accelerators driers metal soaps.

(S5013) Do not mix with Peroxide accelerators.

(SSOC) Do not mix with reducing agents.

16. OTHER INFORMATION

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